

Figure 1.U1 and D1 PSD Masks, peak values

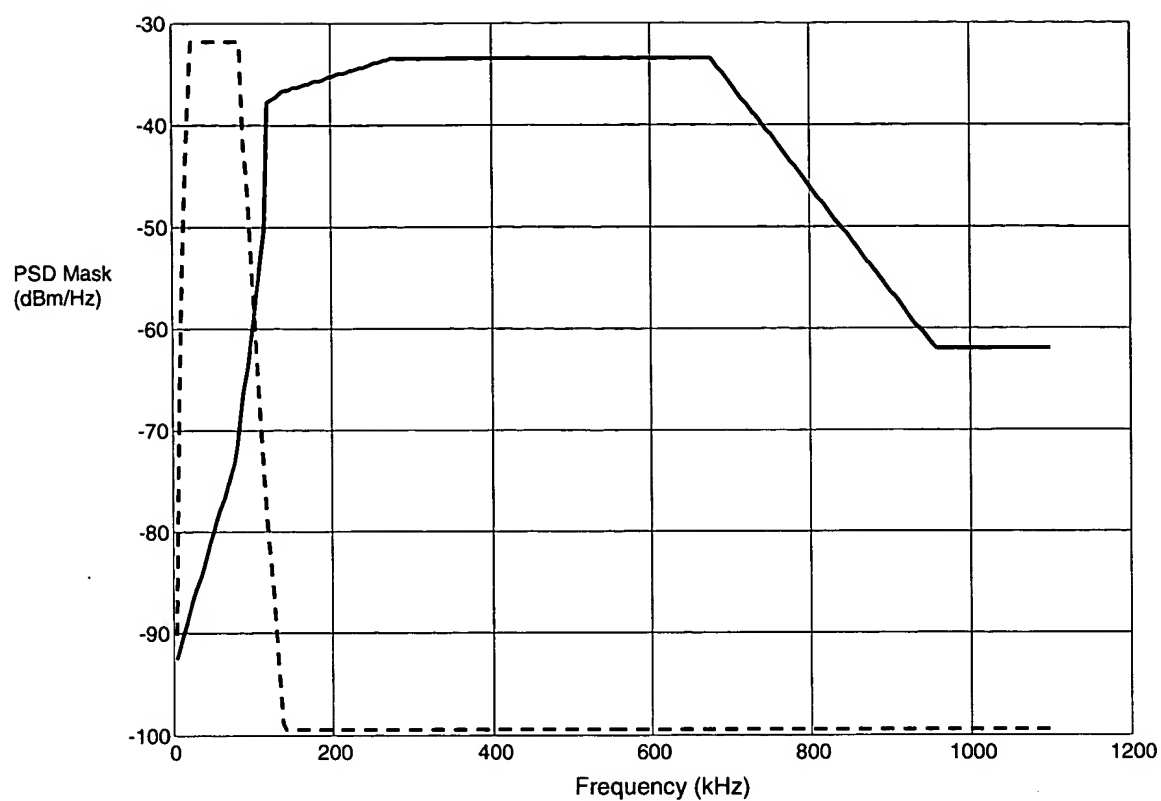


Figure 2. U2 and D2 PSD Masks, peak values

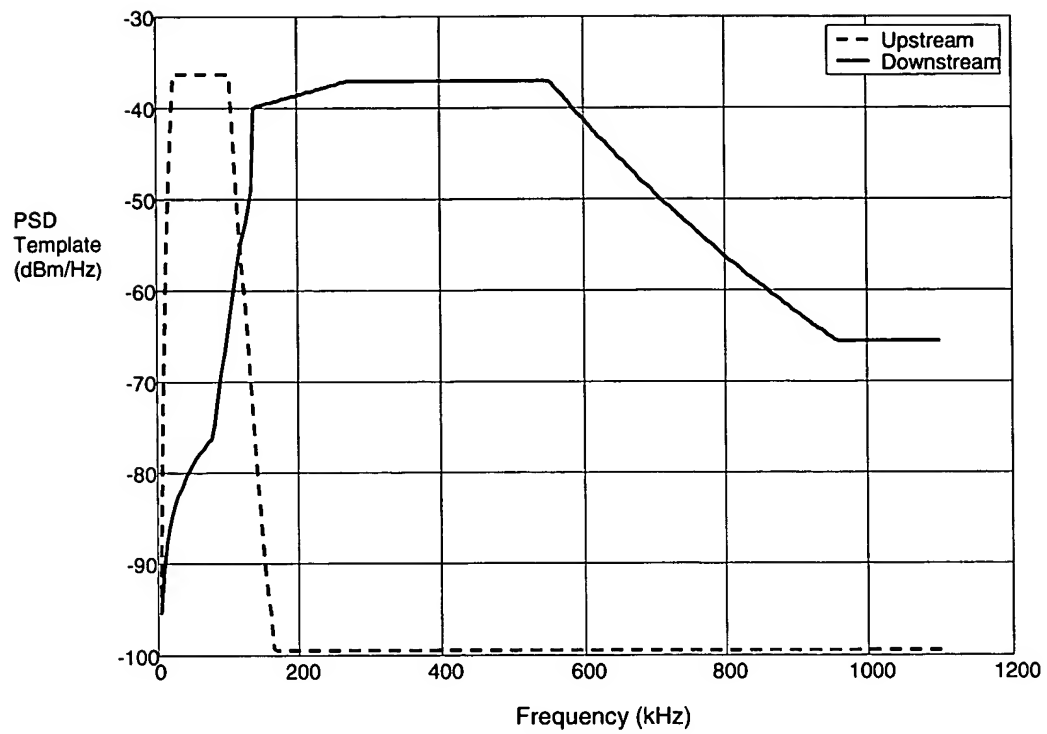


Figure 3. U3 and D3 PSD Templates, average values

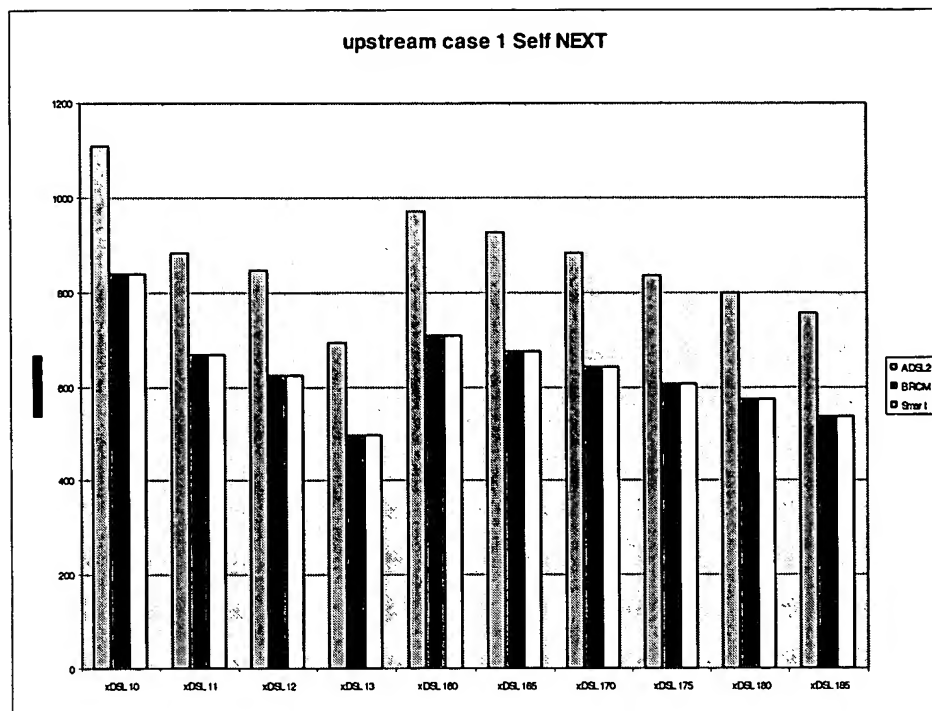


Figure 4. Bar Chart, Upstream Rate, Noise case #1, ADSL2, M OJ-074, NON EC Smart LDSL

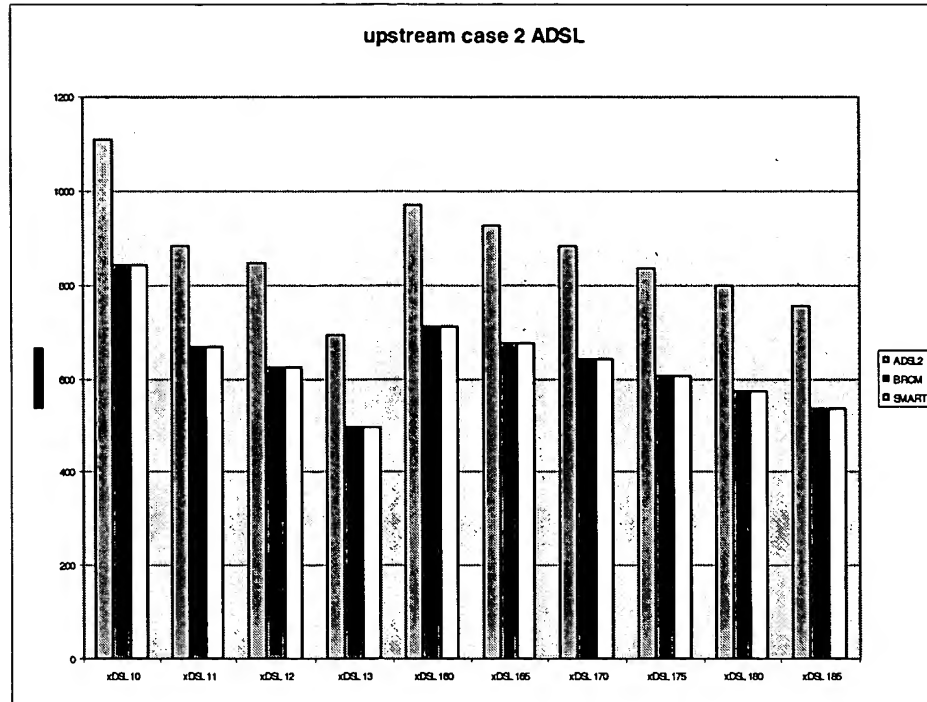


Figure 5. Bar Chart, Upstream Rate, Noise case #2, ADSL2, M OJ-074, NON EC Smart LDSL

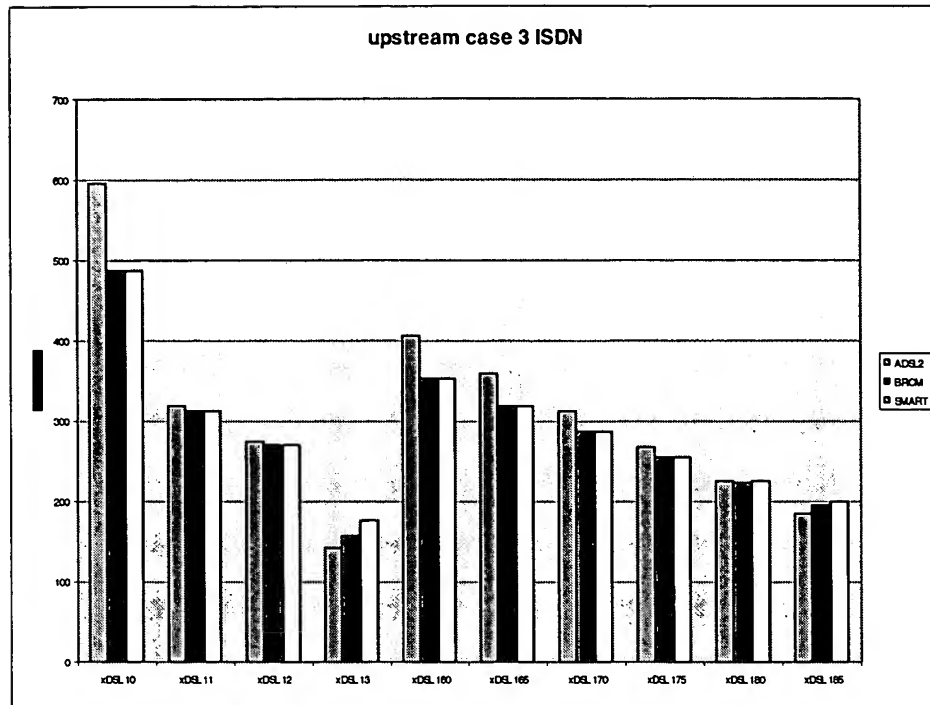


Figure 6. Bar Chart, Upstream Rate, Noise case #3, ADSL2, M OJ-074, NON EC Smart LDSL

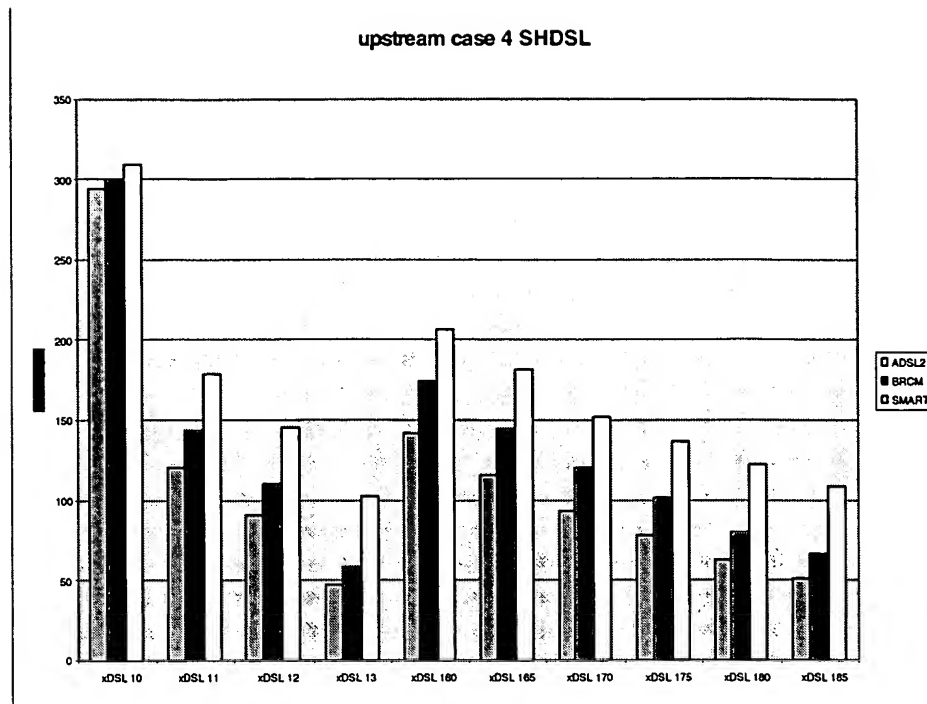


Figure 7. Bar Chart, Upstream Rate, Noise case #4, ADSL2, M OJ-074, NON EC Smart LDSL

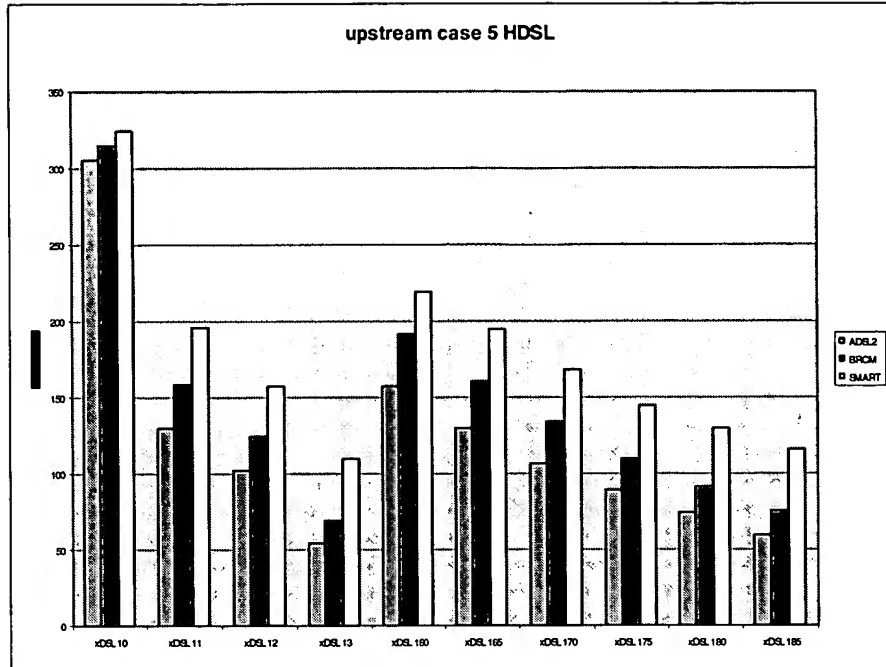


Figure 8. Bar Chart, Upstream Rate, Noise case #5, ADSL2, M OJ-074, NON EC Smart LDSL

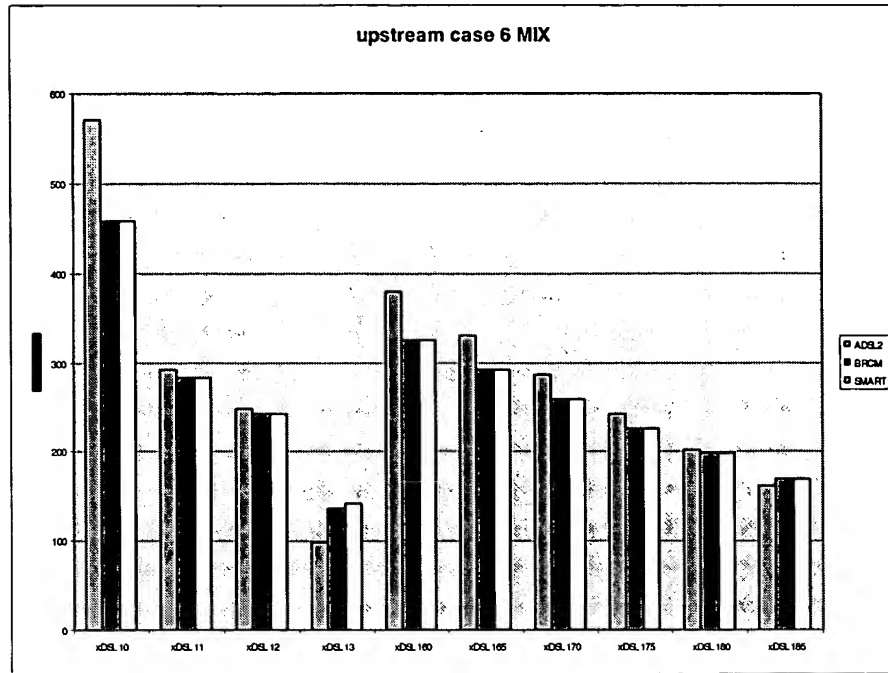


Figure 9. Bar Chart, Upstream Rate, Noise case #6, ADSL2, M OJ-074, NON EC Smart LDSL

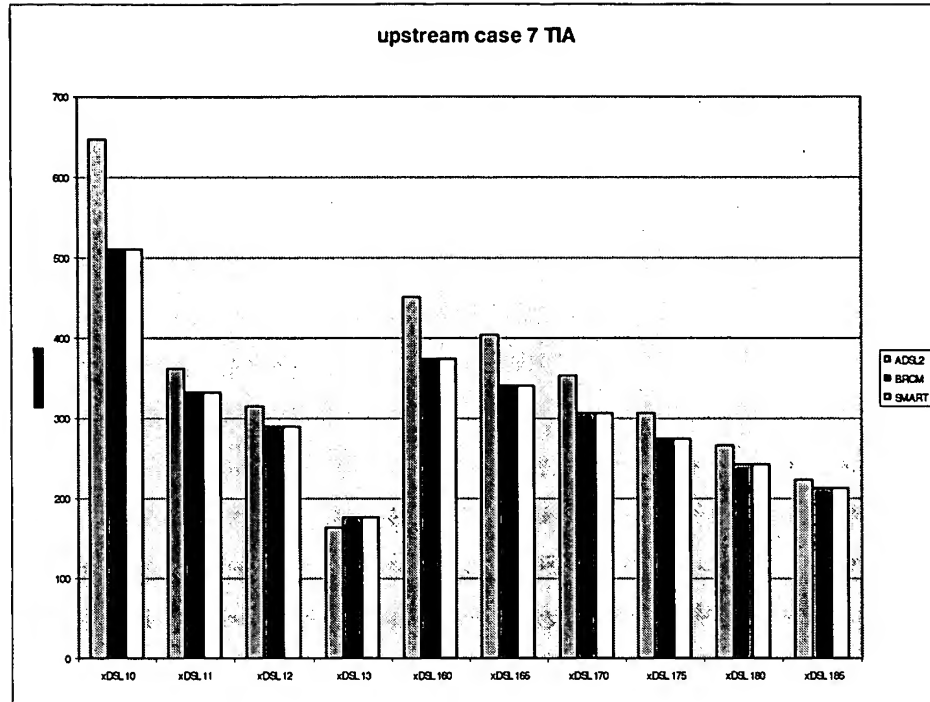
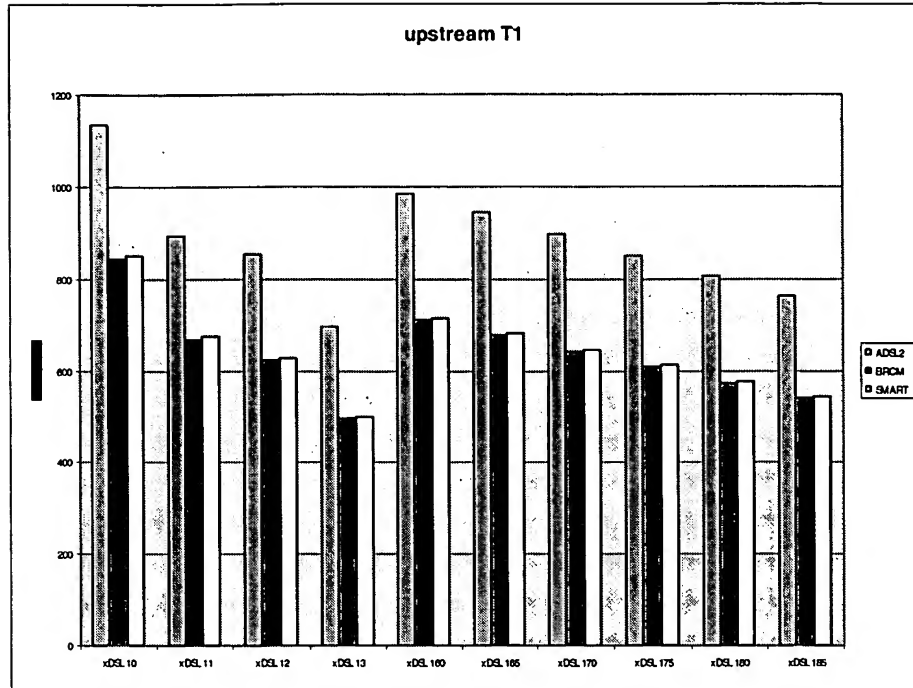


Figure 10. Bar Chart, Upstream Rate, Noise case #7, ADSL2, M OJ-074, NON EC Smart LDSL



**Figure 11. Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M
OJ-074, NON EC Smart LDSL**

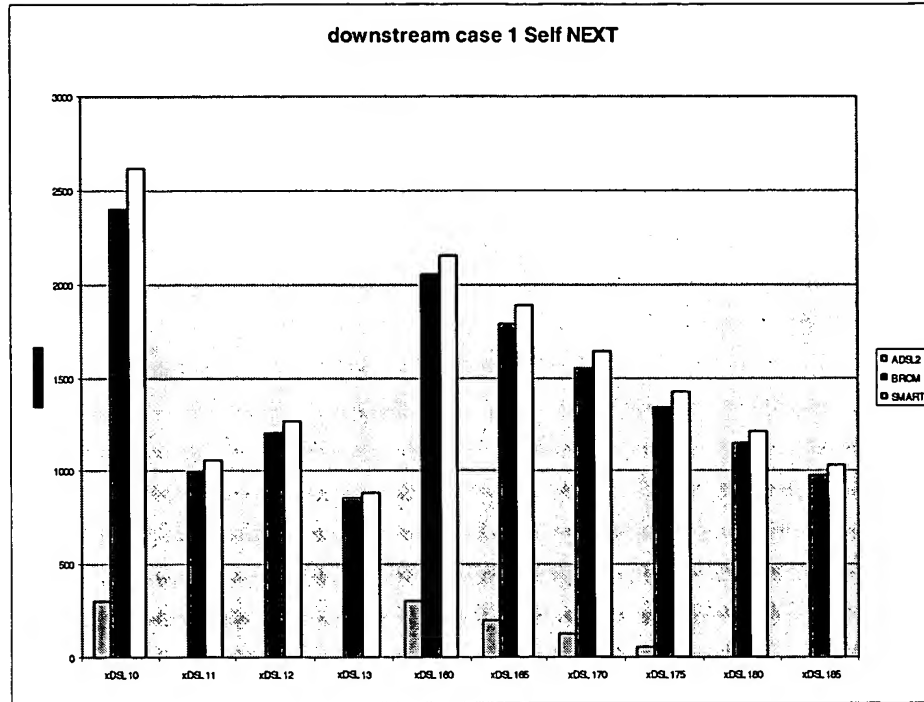
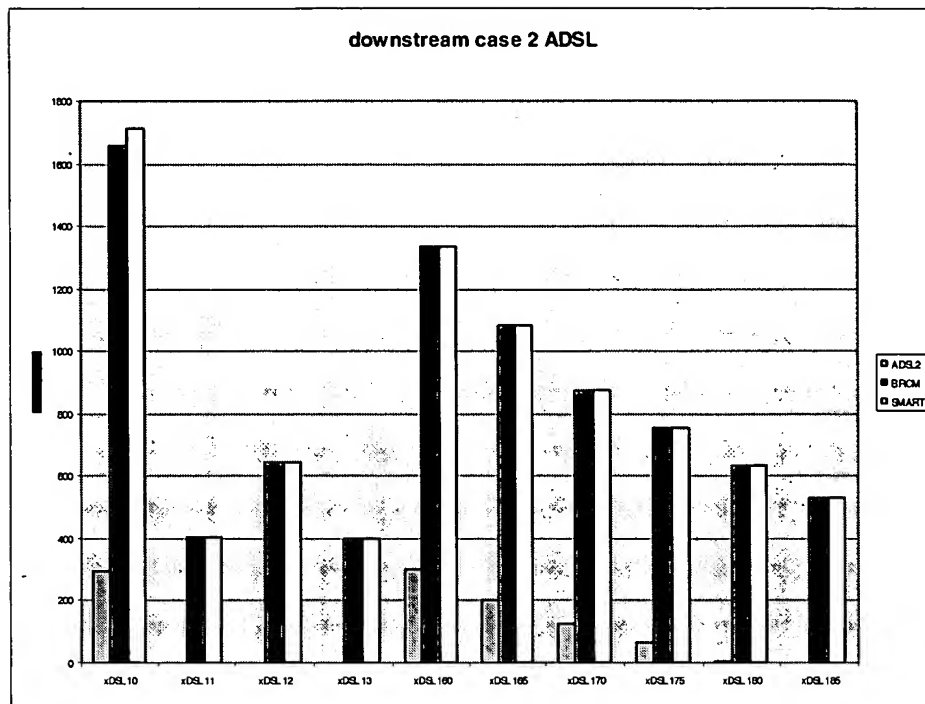
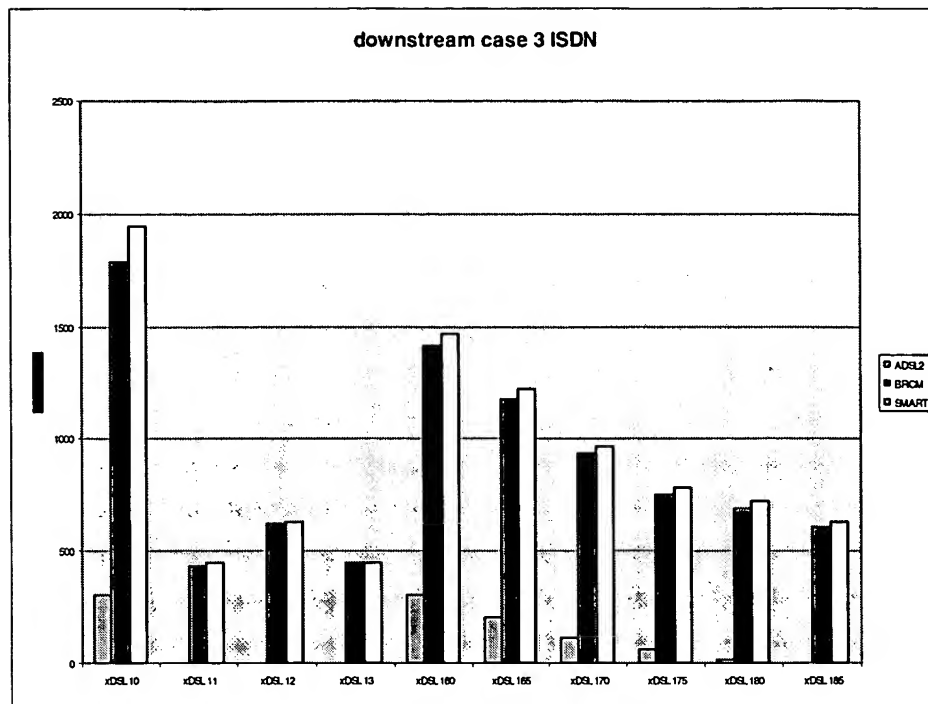


Figure 12. Bar Chart, Downstream Rate, Noise case #1, ADSL2, M OJ-074, NON EC Smart LDSL



**Figure 13. . Bar Chart, Downstream Rate, Noise case #2, ADSL2, M
OJ-074, NON EC Smart LDSL**



**Figure 14. Bar Chart, Downstream Rate, Noise case #3, ADSL2, M OJ-074,
NON EC Smart LDSL**

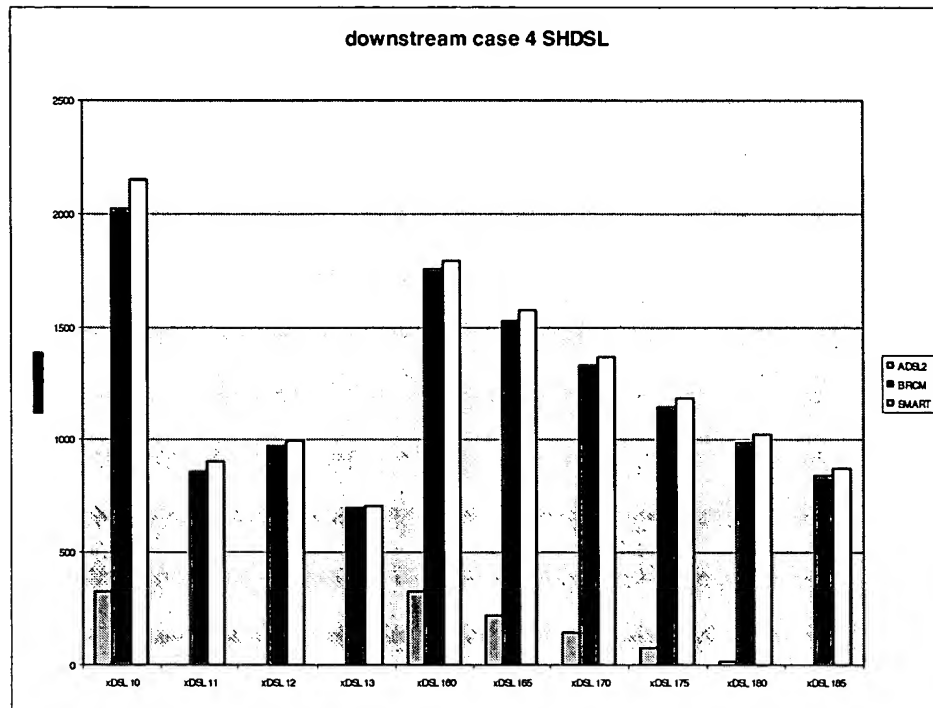
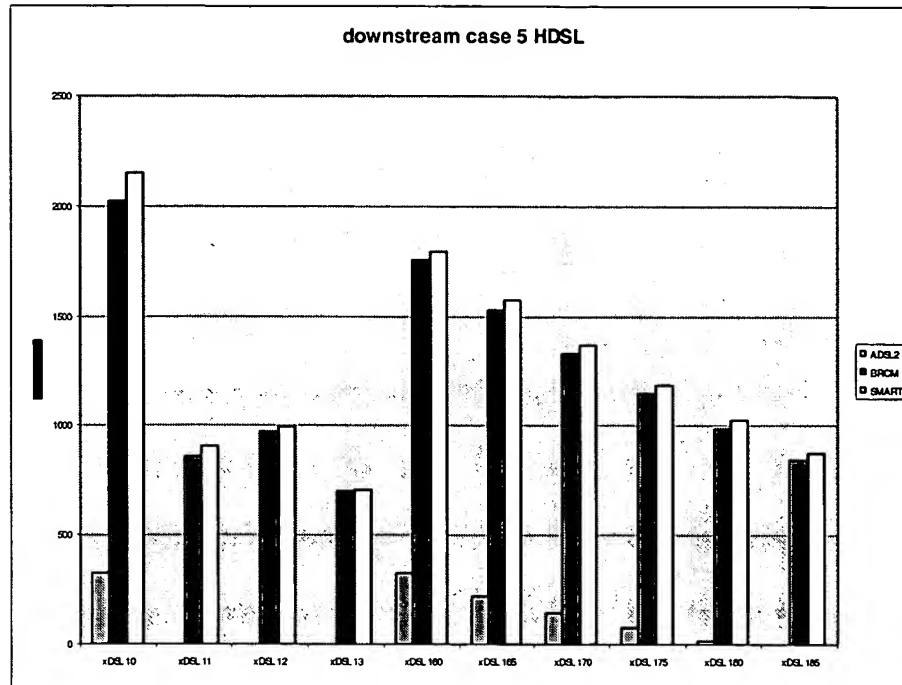


Figure 15. Bar Chart, Downstream Rate, Noise case #4, ADSL2, M OJ-074, NON EC Smart LDSL



**Figure 16. Bar Chart, Downstream Rate, Noise case #5, ADSL2, M
OJ-074, NON EC Smart LDSL**

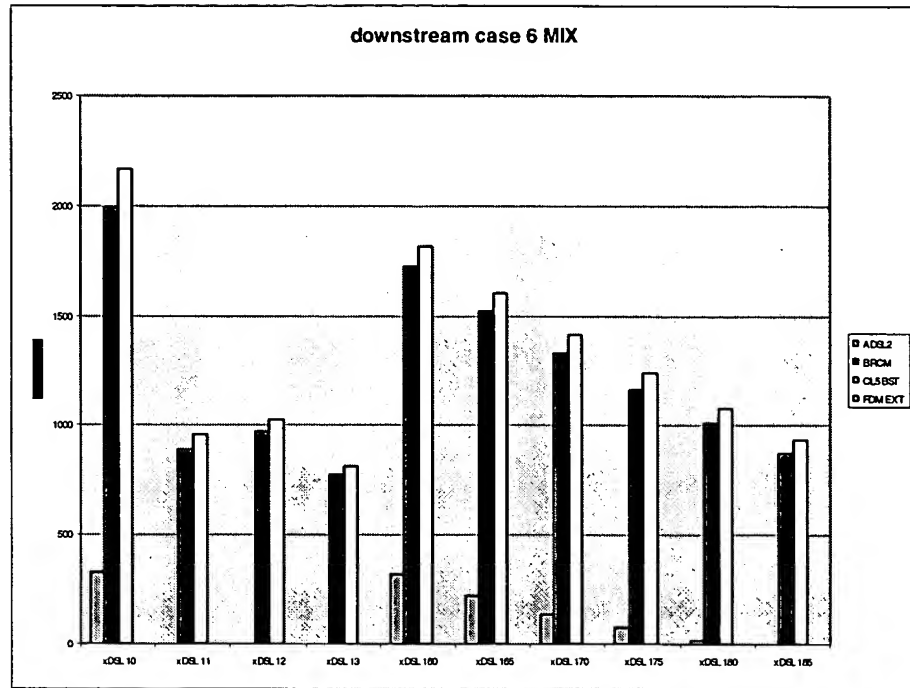
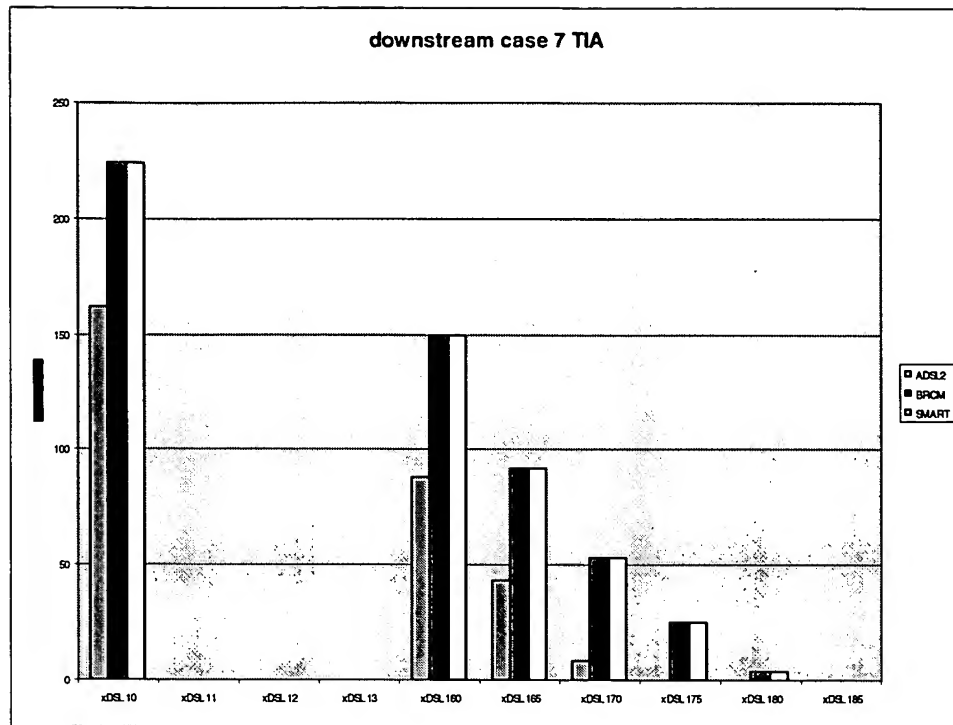
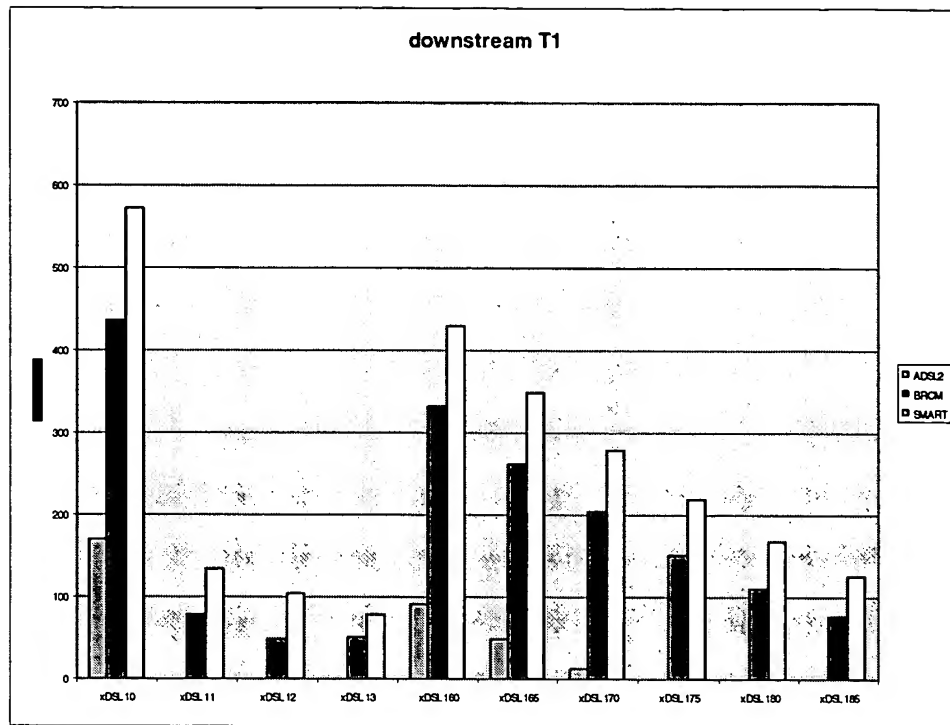


Figure 17. Bar Chart, Downstream Rate, Noise case #6, ADSL2, M OJ-074, NON EC Smart LDSL



**Figure 18. Bar Chart, Downstream Rate, Noise case #7, ADSL2, M
OJ-074, NON EC Smart LDSL**



**Figure 19. Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M
OJ-074, NON EC Smart LDSL**

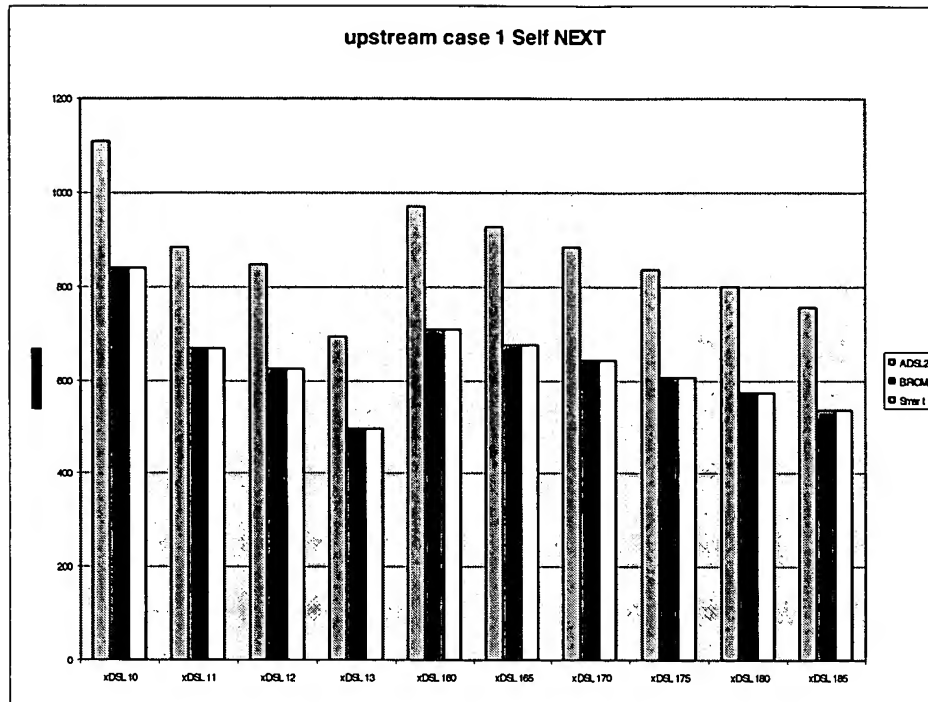


Figure 20. Bar Chart, Upstream Rate, Noise case #1, ADSL2, M OJ-074, EC Smart LDSL

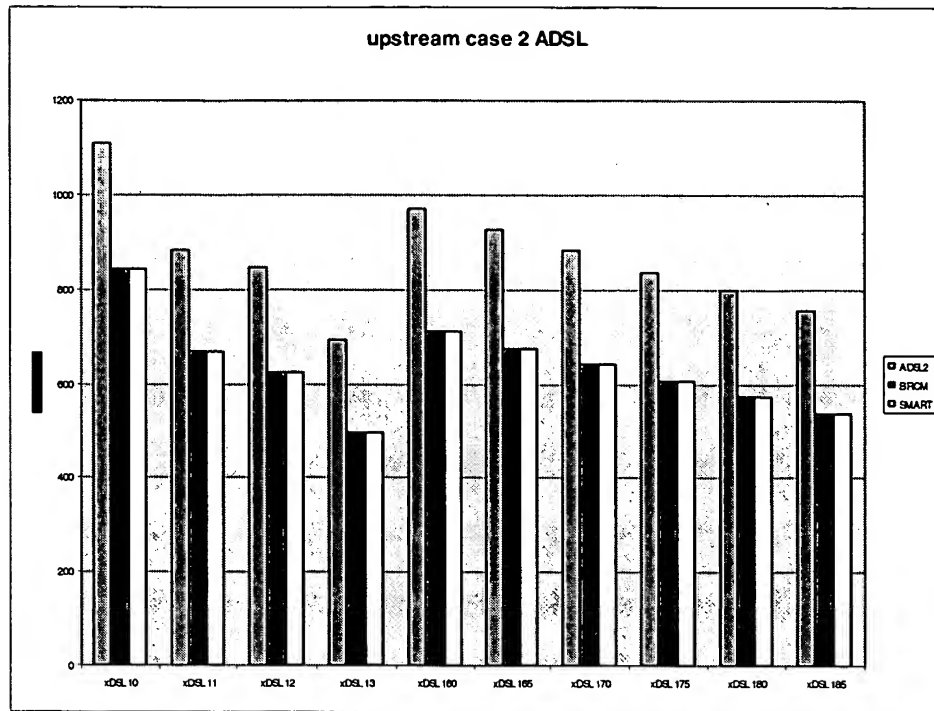


Figure 21. Bar Chart, Upstream Rate, Noise case #2, ADSL2, M OJ-074, EC Smart LDSL

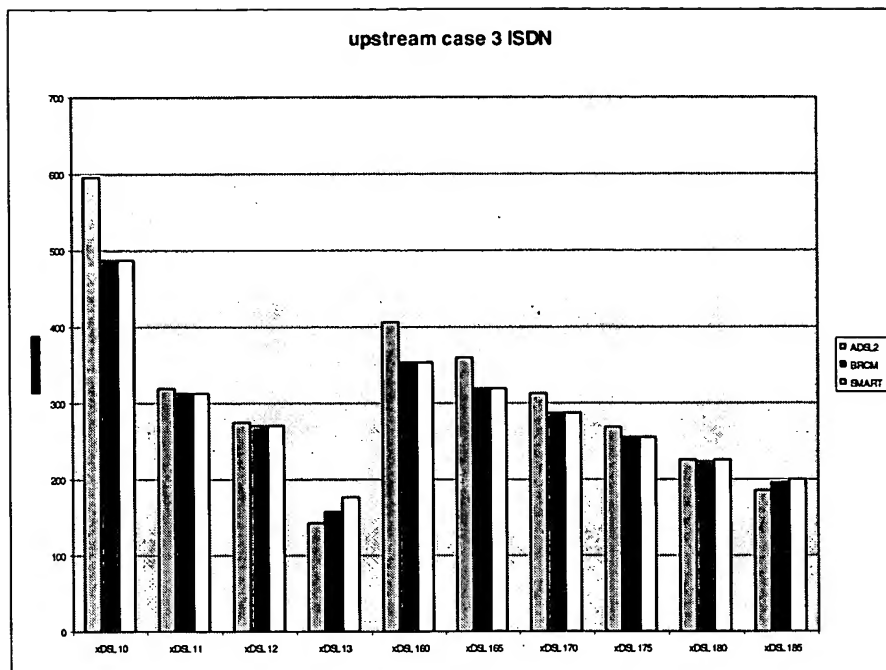


Figure 22. Bar Chart, Upstream Rate, Noise case #3, ADSL2, M OJ-074, EC Smart LDSL

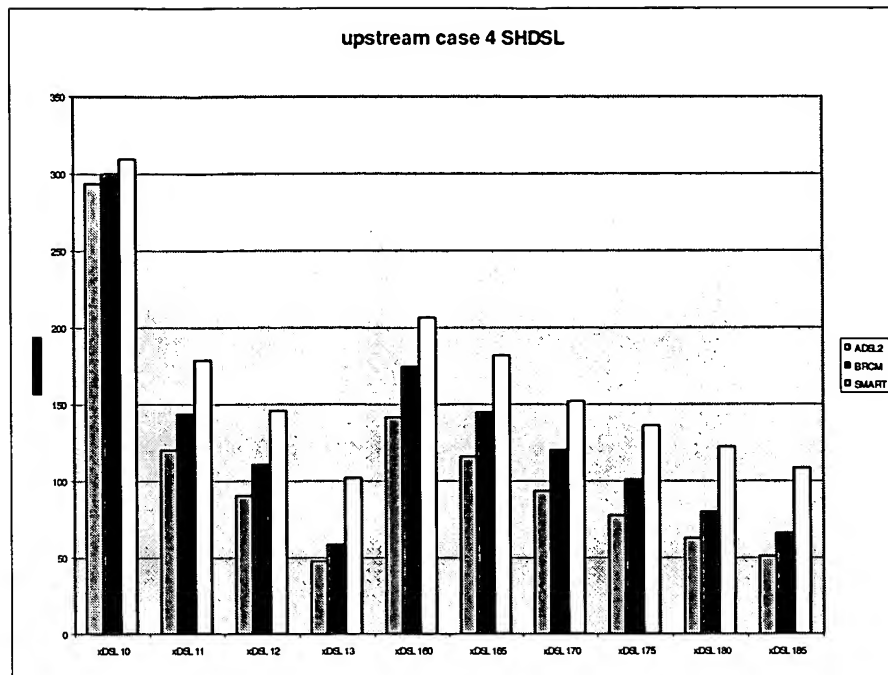


Figure 23. Bar Chart, Upstream Rate, Noise case #4, ADSL2, M OJ-074, EC Smart LDSL

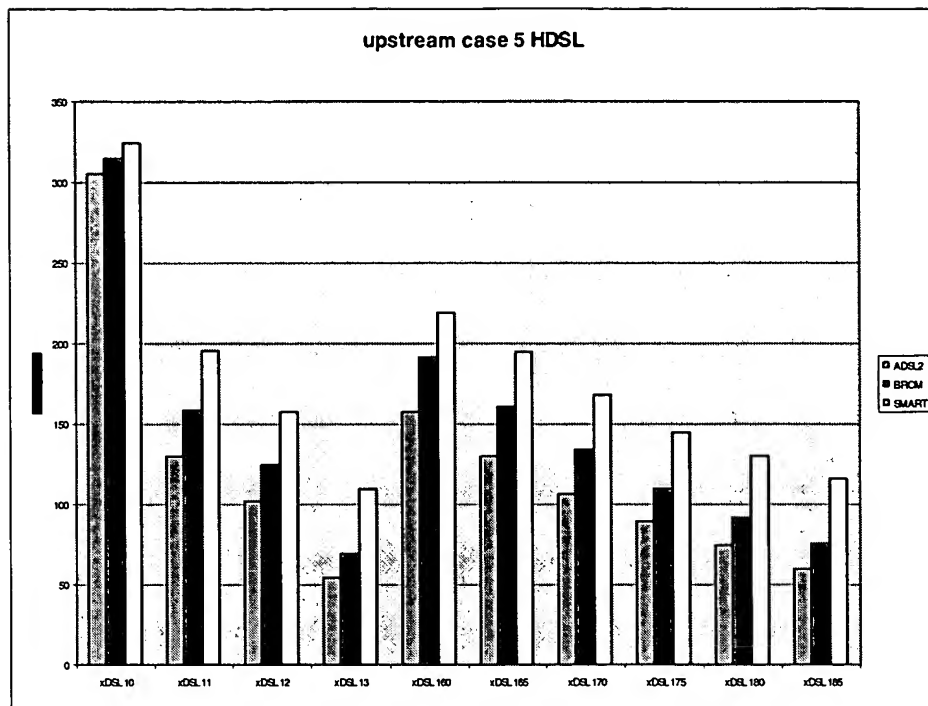


Figure 24. Bar Chart, Upstream Rate, Noise case #5, ADSL2, M OJ-074, EC Smart LDSL

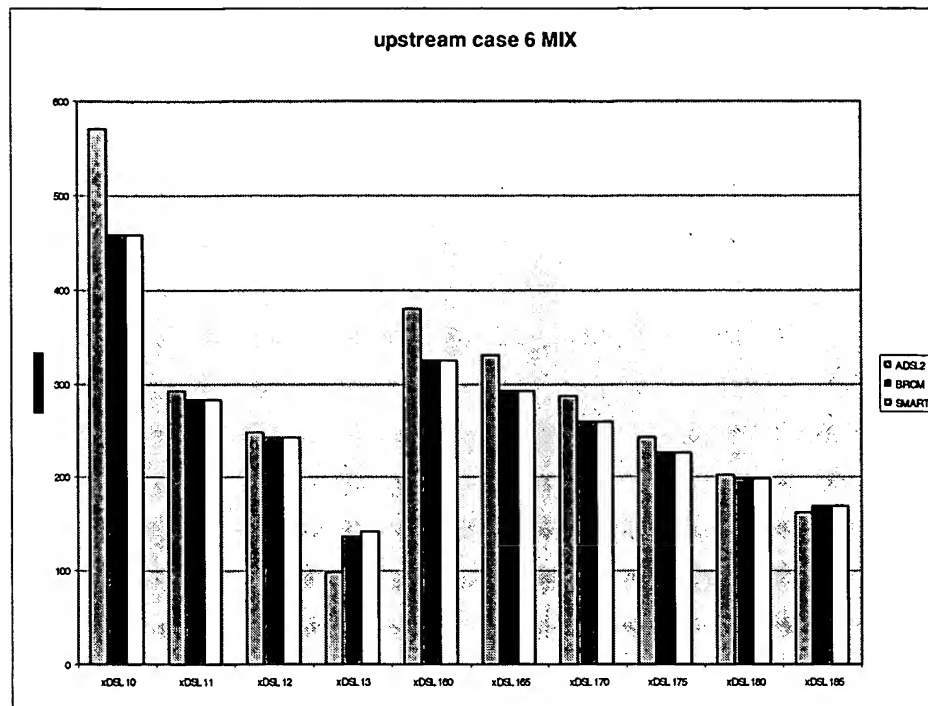


Figure 25. Bar Chart, Upstream Rate, Noise case #6, ADSL2, M OJ-074, EC Smart LDSL

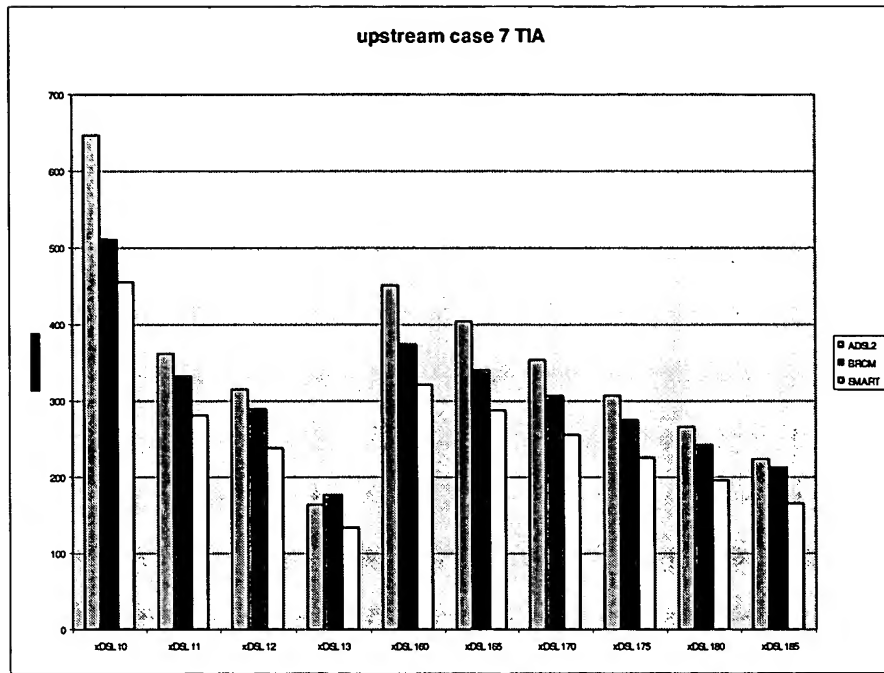
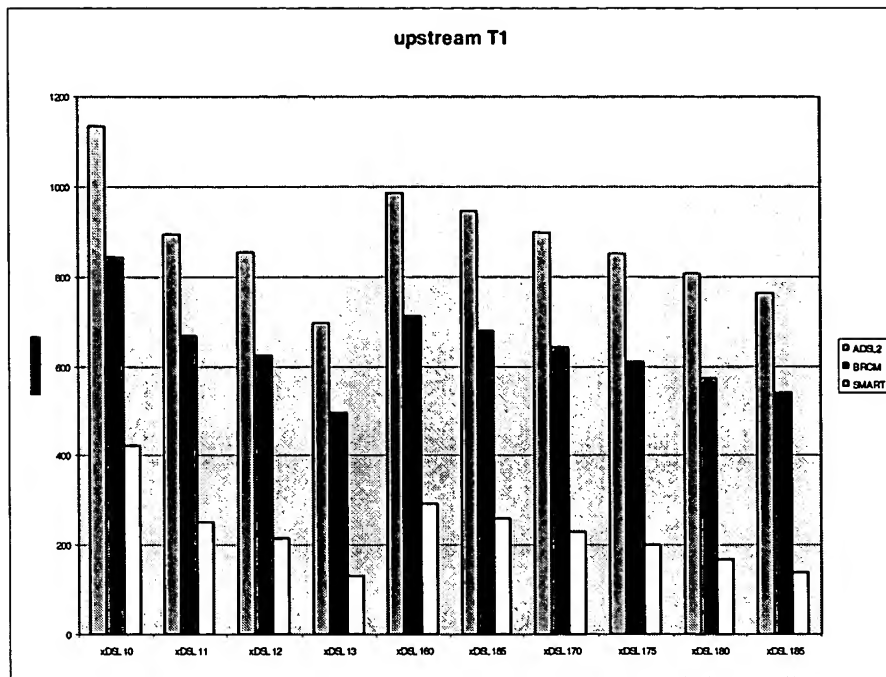


Figure 26. Bar Chart, Upstream Rate, Noise case #7, ADSL2, M OJ-074, EC Smart LDSL



**Figure 27. Bar Chart, Upstream Rate, Noise case #T1, ADSL2, M
OJ-074, EC Smart LDSL**

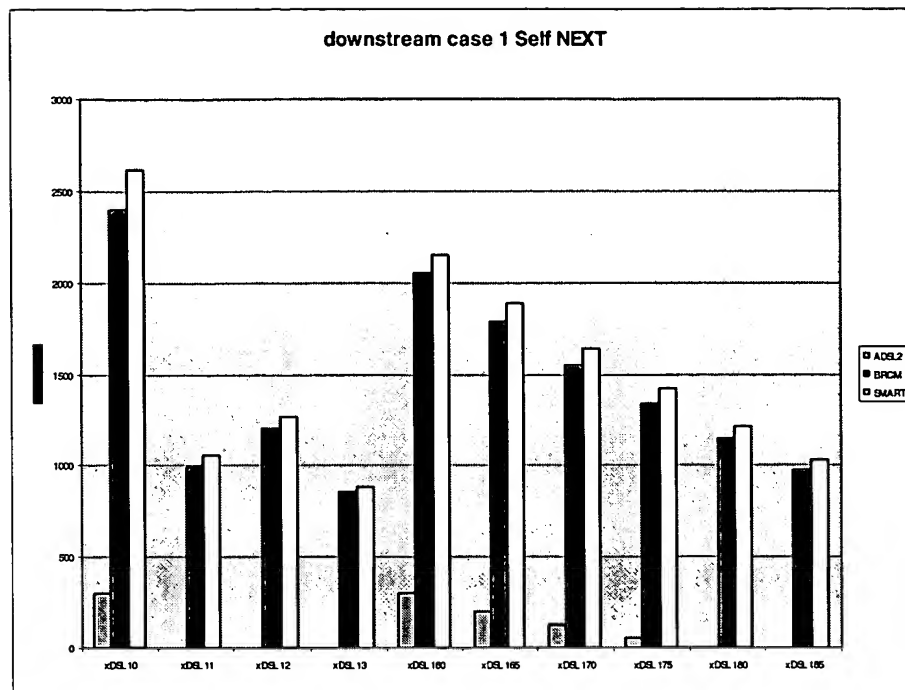
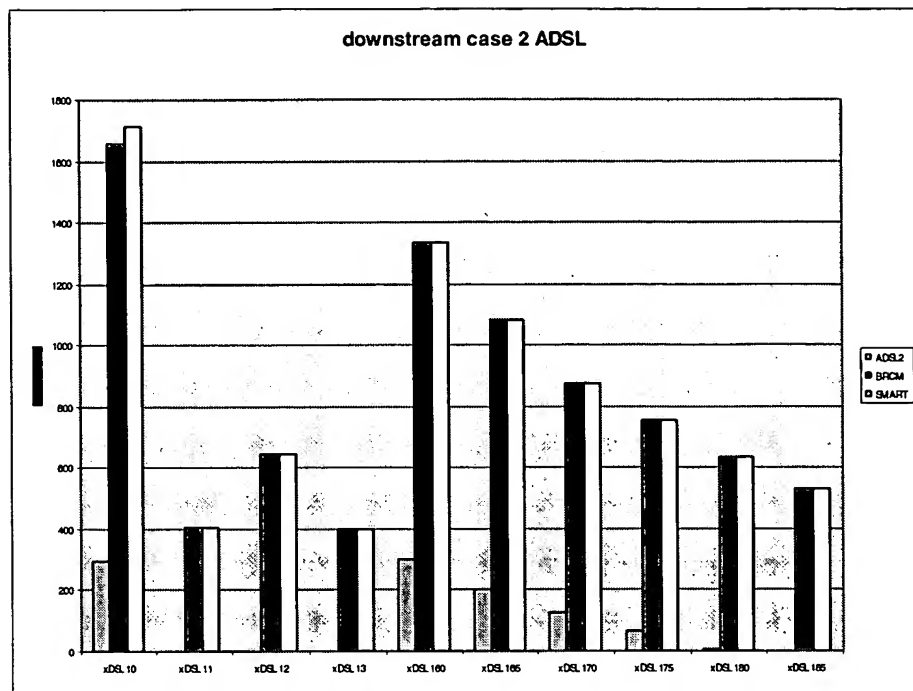


Figure 28. Bar Chart, Downstream Rate, Noise case #1, ADSL2, M OJ-074, EC Smart LDSL



**Figure 29. Bar Chart, Downstream Rate, Noise case #2, ADSL2, M
OJ-074, EC Smart LDSL**

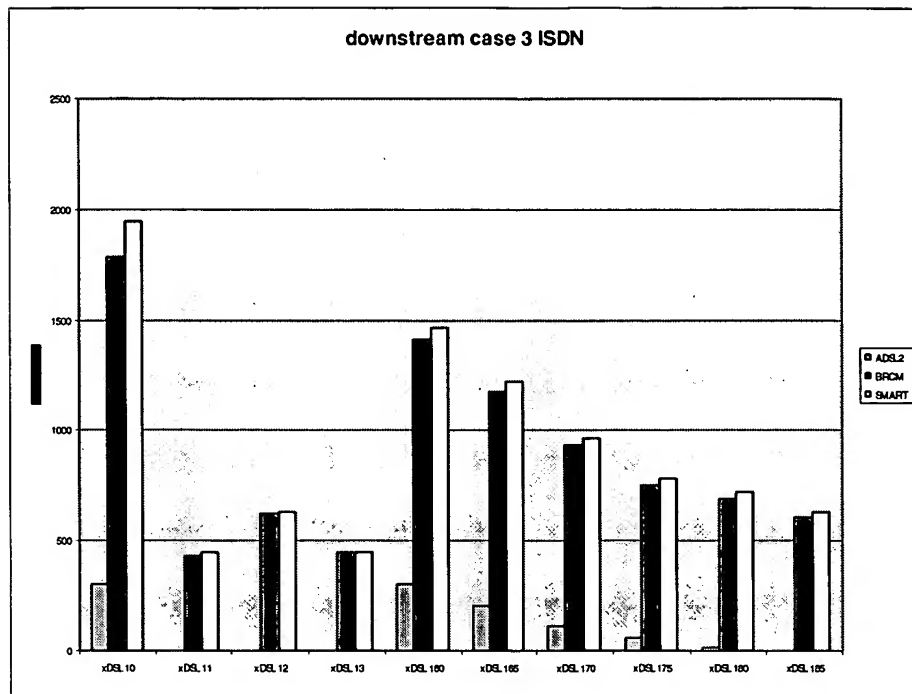


Figure 30. Bar Chart, Downstream Rate, Noise case #3, ADSL2, M OJ-074, EC Smart LDSL

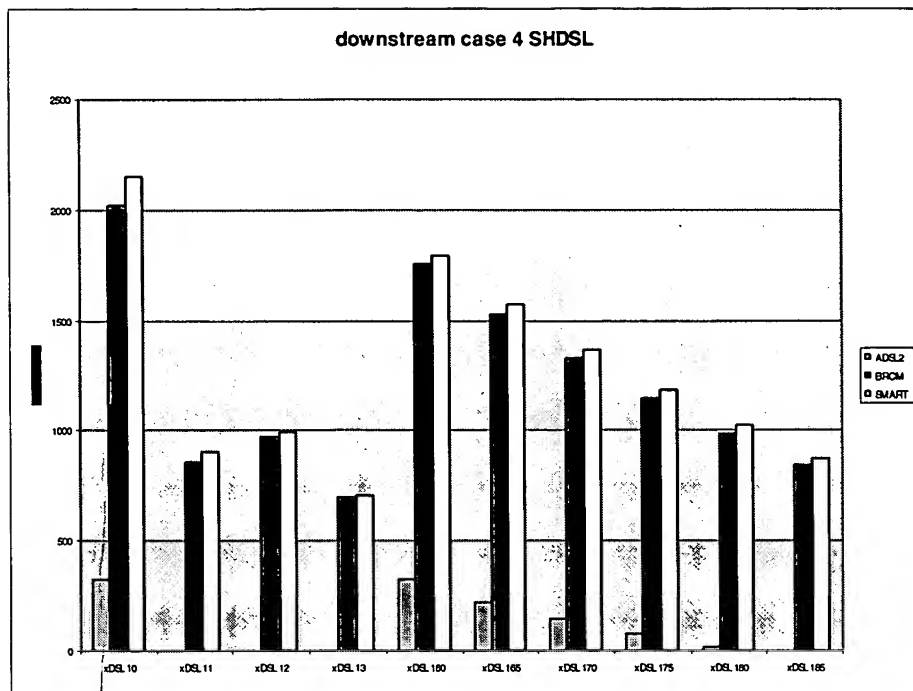
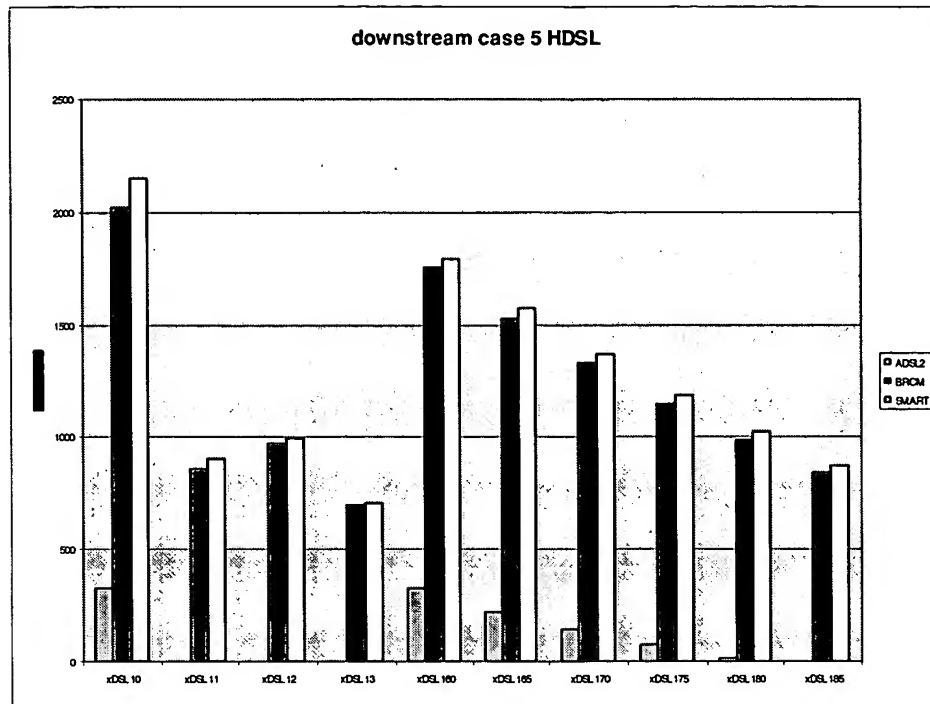
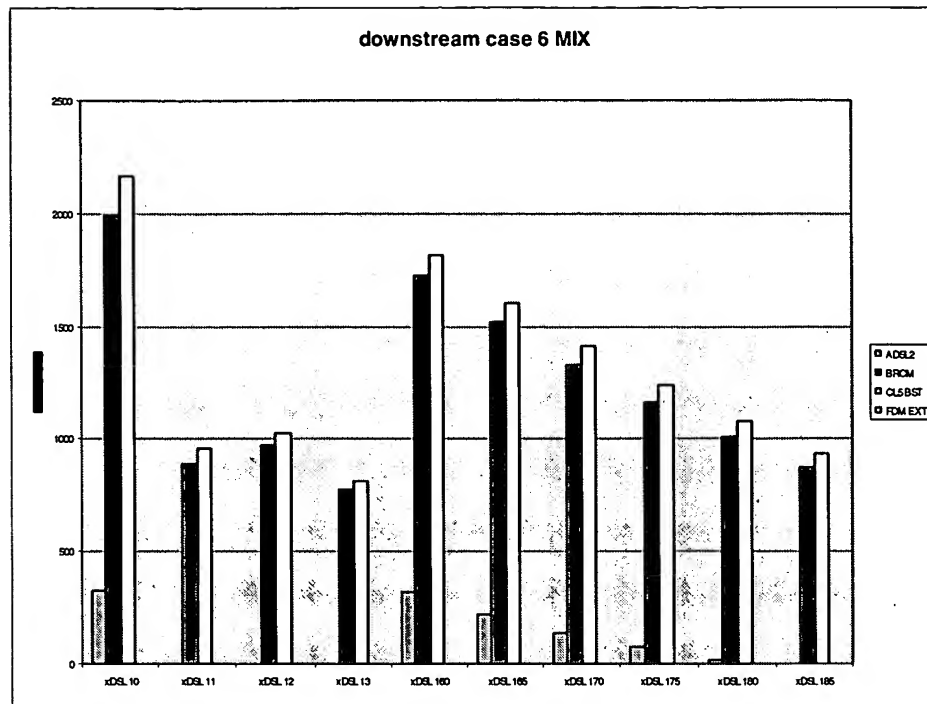


Figure 31. Bar Chart, Downstream Rate, Noise case #4, ADSL2, M OJ-074, EC Smart LDSL



**Figure 32. Bar Chart, Downstream Rate, Noise case #5, ADSL2, M
OJ-074, EC Smart LDSL**



**Figure 33. Bar Chart, Downstream Rate, Noise case #6,
ADSL2, M OJ-074, EC Smart LDSL**

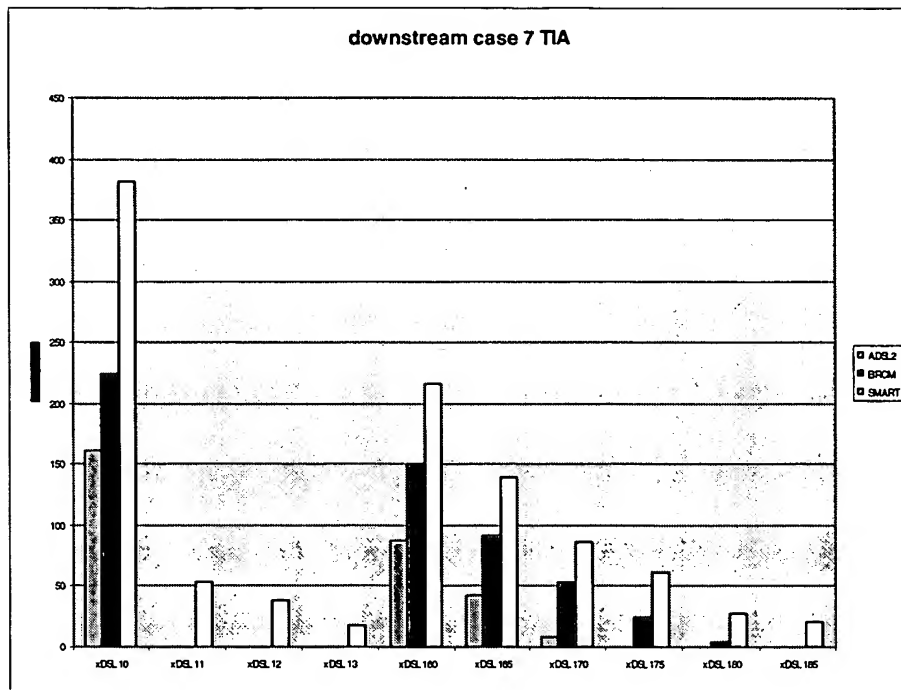
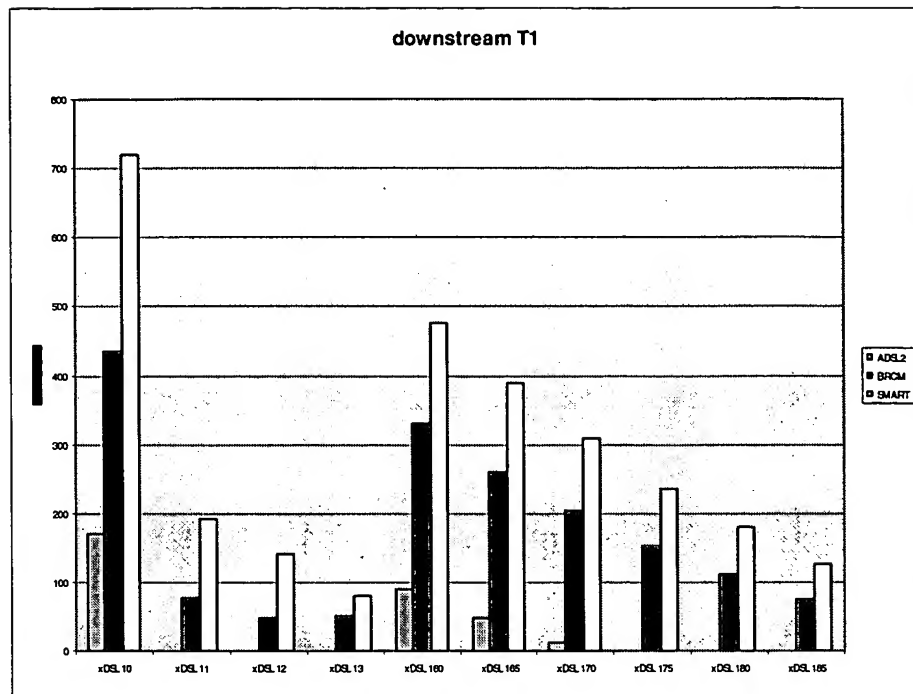


Figure 34. Bar Chart, Downstream Rate, Noise case #7, ADSL2, M OJ-074, EC Smart LDSL



**Figure 35. Bar Chart, Downstream Rate, Noise case #T1, ADSL2, M
OJ-074, EC Smart LDSL**

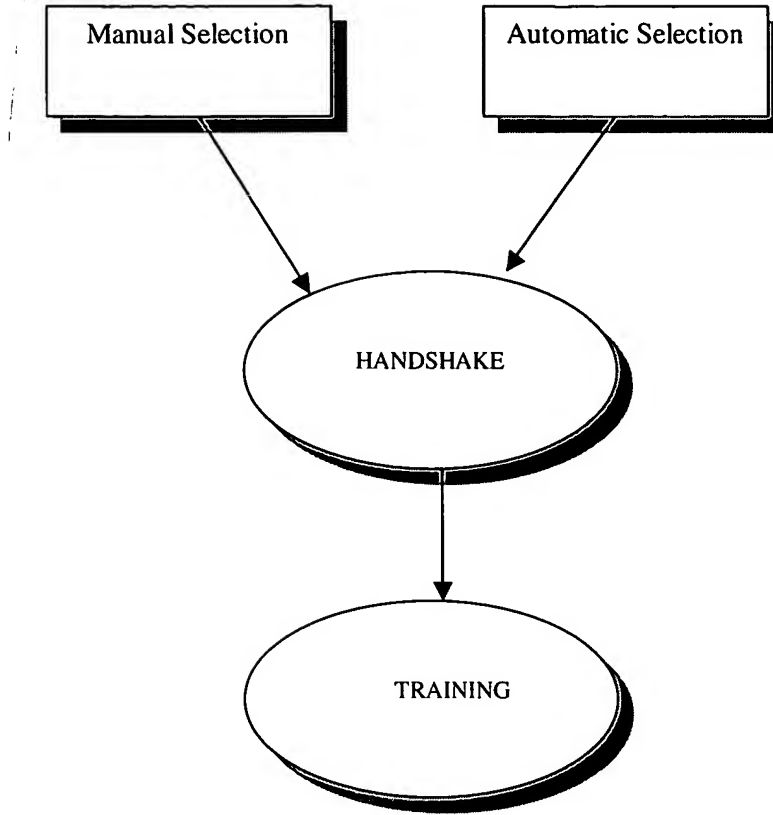


Figure 36. Two smart system selection modes: Manual and Automatic

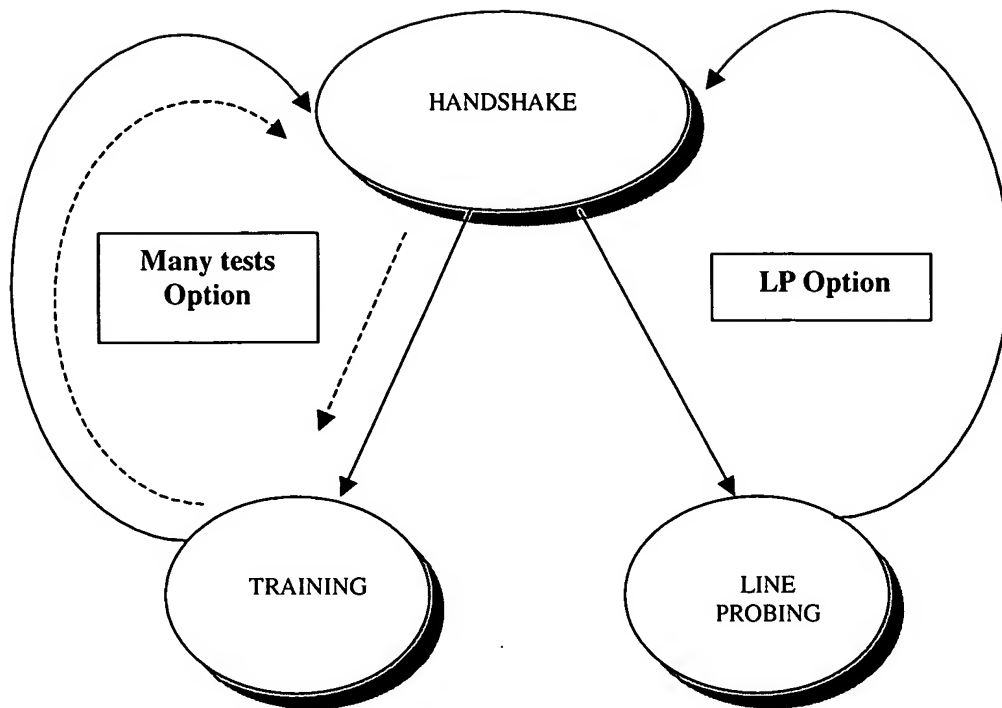


Figure 37. Two options to automatically select a pair of masks in a smart DSL system

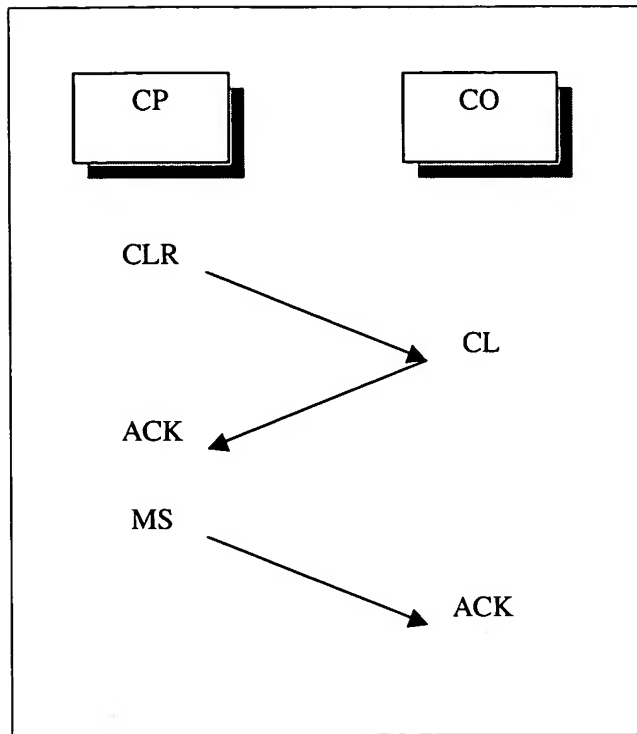


Figure 38. “CP decides” sequence based on G.992.3

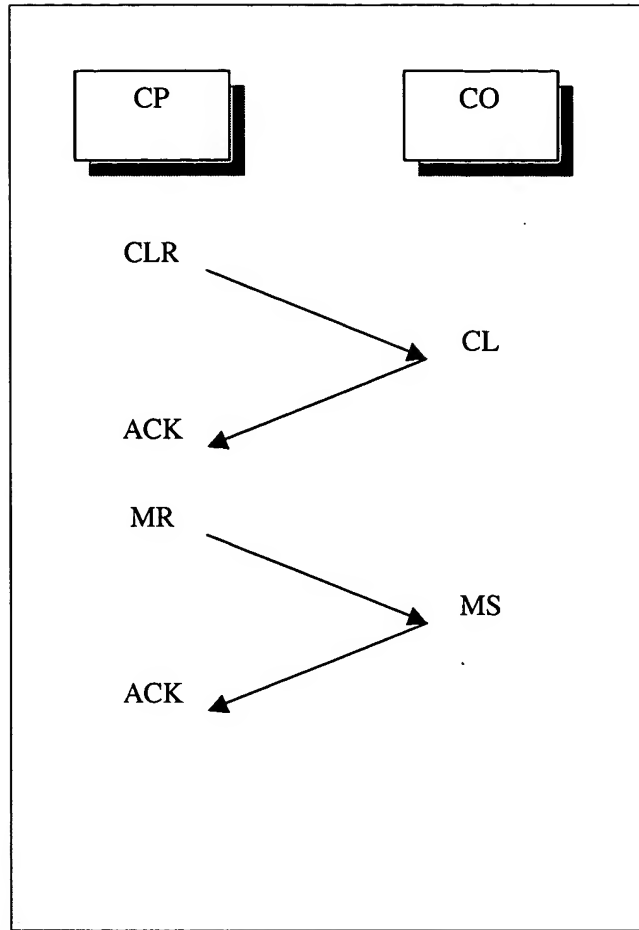


Figure 39. “CO decides” sequence based on G.992.3

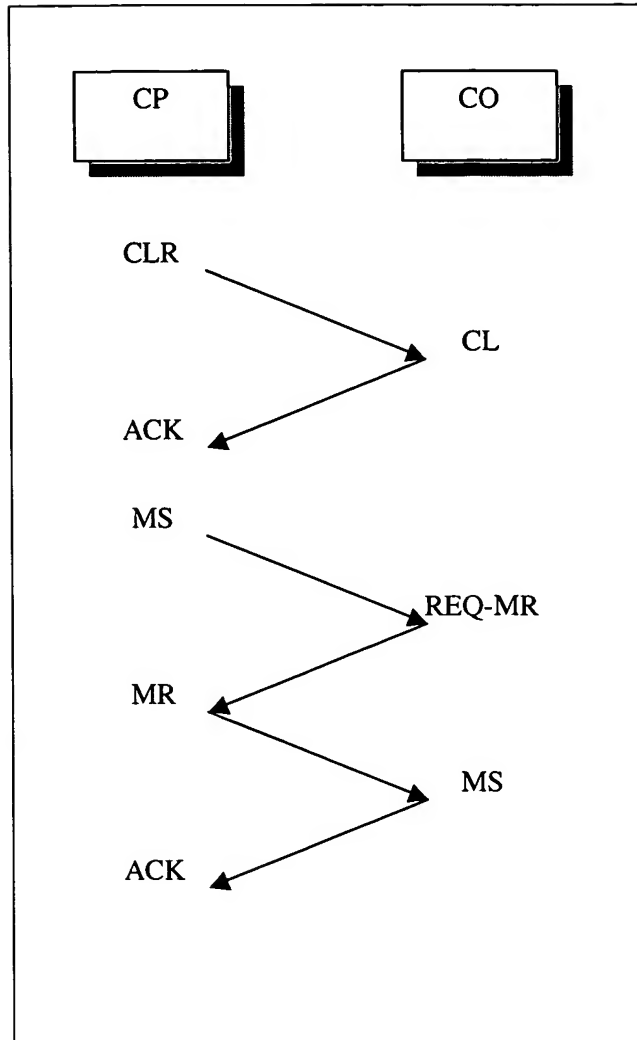


Figure 40. “CP is overruled by CO” sequence